File No.: B537 0004
GNM/cc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing in regard to the patent application of:

Inventor(s): ROBAR, James; MARTIN, Monty A.; RICCIO, Silvia A.
Title: **TUMOR DOSE ENHANCEMENT USING MODIFIED PHOTON BEAMS AND CONTRAST MEDIA**
Serial No.: 10/621575
Filed: 18 July 2003

Date: 17 October 2003

Enclosed are:

[X] Information Disclosure Statement;

[X] Form PTO-1449 and copies of documents listed thereon;

[X] The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 02-1037.

Respectfully submitted,
OYEN WIGGS GREEN & MUTALA

By: _____
Gavin N. Manning
Registration No. 36,412

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601 West Cordova Street
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Dear Sir:

Disclosure Statement Pursuant to 37 C.F.R. §1.56

Preliminary to the examination of this application, the applicant wishes to draw the Examiner's attention to the references listed on the attached copy of form PTO-1449. For the Examiner's convenience, copies of each of the listed references are submitted herewith.

REMARKS

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

By: _____

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Vancouver, B.C.
CANADA

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Dear Sir:

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT [Form PTO-1449 (Modified)]

United States Patent Documents

Examiner	ID	Patent No.	Issue Date	Inventor(s)	Class	Sub-Cl	Filing Date
Casler	US: 1	6125295	Sep. 26, 2000	Cash et al.	600	431	Aug. 27, 1998
	US: 2						
	US: 3						

Other Art

Examiner	ID	Author, Title, Date, Pertinent Pages, etc.
	OA: 1	Iwamoto et al. *Radiation dose enhancement therapy with iodine in rabbit VX-2 brain tumors* Radiother, Oncol, **8**, 161 - 170 (1987)
	OA: 2	Mello R S et al. *Radiation dose enhancement in tumors with iodine* Med. Phys. **10** 75-8 (1983)
	OA: 3	Norman A, et al. *Iodinated contrast agents for brain tumor localization and radiation dose enhancement* Invest. Radiol.**26** S120-21 (1991)

	OA: 4	Rose J H et al. *First experience with radiation therapy of small brain tumors delivered by a computerized tomography scanner* Int. J. Radiat. Oncol. Biol. Phys. **30** 24-5 (1994)
	OA: 5	Mesa et al. *Dose distributions using kilovoltage x-ray and dose enhancement from iodine contrast agents* Phys. Med. Biol. **44** 1955-68 (1999)
	OA: 6	Norman et al. *X-ray phototherapy for solid tumors* Acad. Radiol. **5** S177-9 (1998).
	OA: 7	Sixel and Faddegon *Calculation of x-ray spectra for radiosurgical beams* Med. phys. **22** 1657-61 (1995)
	OA: 8	Robar and Clark, *The use of radiographic film for linear accelerator stereotactic radiosurgical dosimetry,* Med. Phys. 26, 2144-55 (1999)
	OA: 9	Mohan et al. *Energy and angular distributions of photons from medical linear accelerators,* Med. Phys. 12, 592-7 (1985)
	QA: 10	Nelson WR, et al. *The EGS4 code system Report SLAC-265* Standford, CA
	QA: 11	O'Brien et al. *Radiosurgery with unflattened 6-MV photon beams* Med. Phys. **18** 519-21 (1991)
	QA: 12	

Examiner: _____

Date Considered: _____

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance **and** not considered. Include copy of this form with next communication to applicant.